



Hunters Point Radiological Program Update

Hunters Point Naval Shipyard
BCT Meeting
October 24, 2013



Overview



Radiological Project Work Overview

- Current Project Map
- Parcel C Phase II SS/SD Removal Update
- Parcel C Ship Berth Survey Status
- Building 253 and 211 Activities
- FSS Report Status Update
- Parcel E SS/SD Removal Plan Update
- Parcel D-1 Update










2013 Radiological Projects



LEGEND

PROJECT AREAS

-  IMPACTED BUILDINGS OR SITES
-  SHAW (CB&I) D1
-  TES BIN STORAGE
-  TTEC PARCEL C PHASE II, BUILDING 211/253, PARCEL E 500 SERIES
-  CIJV IR-03
-  ITSI GILBANE PARCEL D-1
-  ITSI GILBANE PARCEL E-2



Parcel C - Phase II SS/SD Removals



Parcel C SS/SD line removal:

- Phase II – 14,020 of 14,300 linear feet of SS/SD lines (98%) and 30,135 cubic yards have been excavated.
- Total of 27 Trench Units (TUs) Excavated to date:
 - 9 – Restored
 - 3 – Being backfilled
 - 7 – Awaiting backfill
 - 7 – Undergoing sampling, survey, and/or remediation
 - 1 – Radiologically cleared, turned over to CB&I



Field Activities in Parcel C Phase II



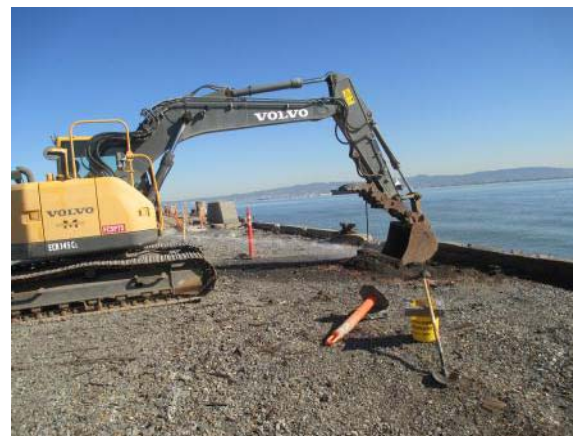
Excavating drain lines adjacent to Building 253.



Backfilling SUs along Blandy Street.



Collecting samples from RSY pad.



Remediating Ship Berth SU 8.



Parcel C - Ship Berths 1-5



Terrestrial Survey Units:

- Survey Units 2, 6, and 7 – Data under NAVY review
- Survey Units 3 and 5 – Awaiting definitive data analysis
- Survey Units 8 and 9 – Post-remediation sampling
- Survey Units 1 and 4 – Characterization sampling and remediation

Cantilevered Survey Units:

- Scan data under contractor internal review



Radiological Survey of Buildings 253 and 211



- Continue the removal and survey of ventilation system
 - 71% complete
- Performing M&E surveys of Building 211 Extension
- Navy Review of Internal Draft TSP for Buildings 253 & 211



Field Activities in Buildings 253 and 211



Scanning of Building 211 Extension



Scanning of duct work in Building 253



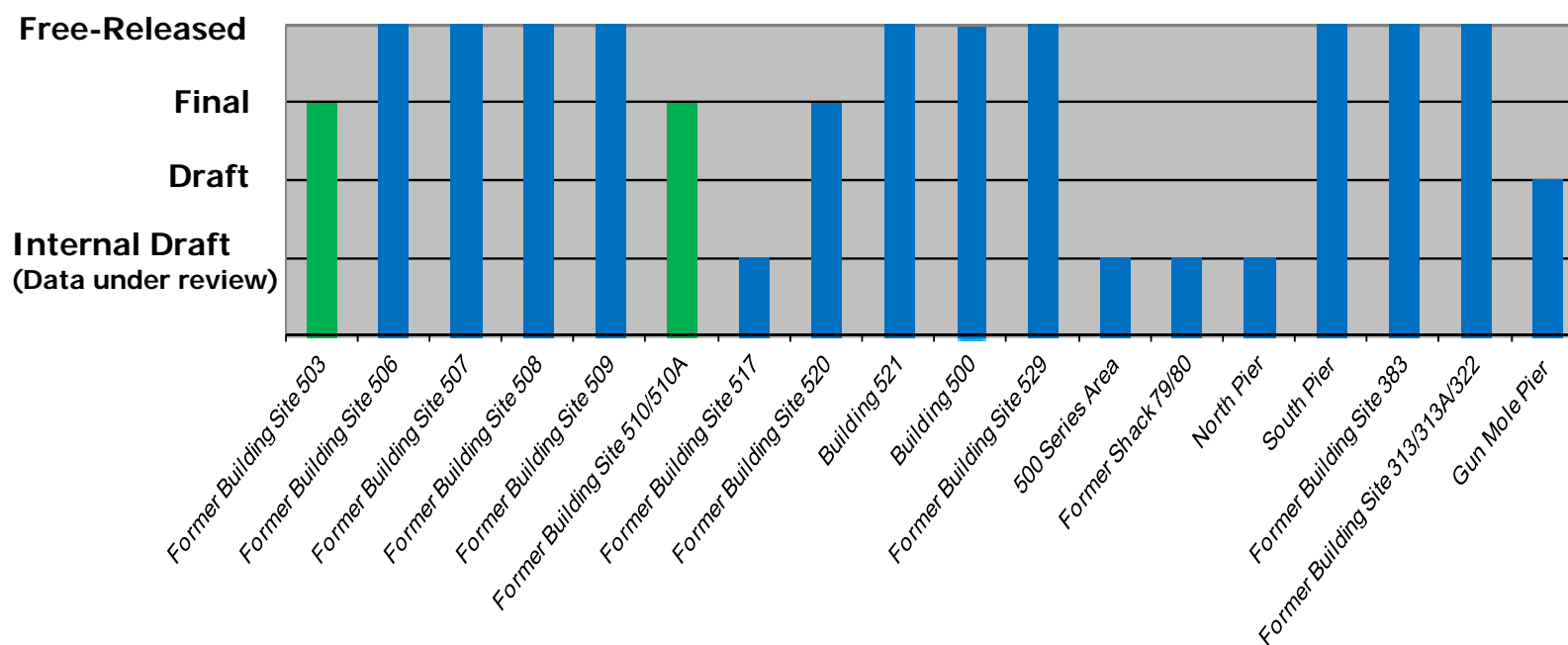
Staging disassembled duct work for survey



Scanning disassembled duct work



FSS Report Status Parcels C, D-1, & E



Waiting for concurrence for
Free-Release determination





Remaining Parcel C & E Buildings/Sites Status



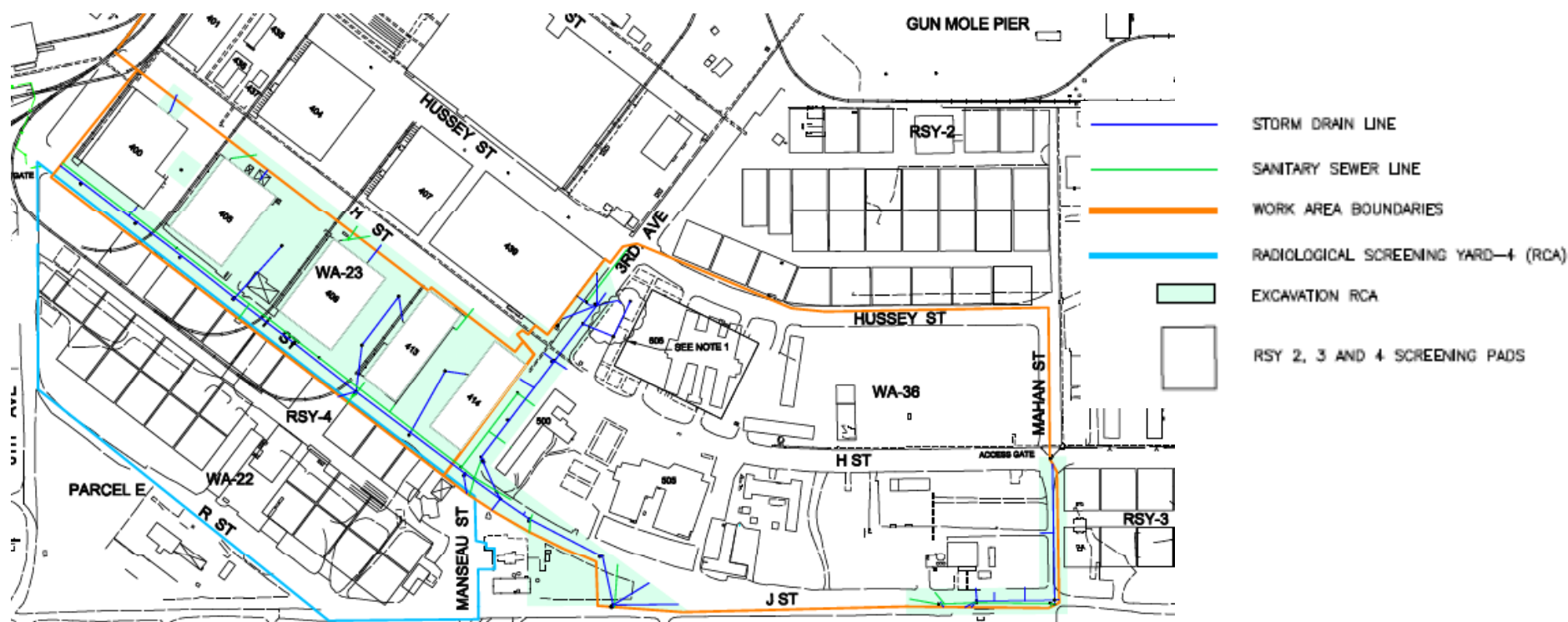
- Parcel C, Phase-1
 - Draft North Pier FSS Report
 - Draft Radiological Construction Summary Report
- Parcel E-500
 - Internal Draft 707 Triangle Area FSS Report
 - Draft 500 Series Area FSS Report
 - Draft Bldg 517 FSS Report
 - Draft Shacks 79/80 FSS Report
 - Draft Construction Summary Report



Status of Parcel E SS/SD Removals



- Preparing Final Execution Plan, Design Plan, and APP/SSHP





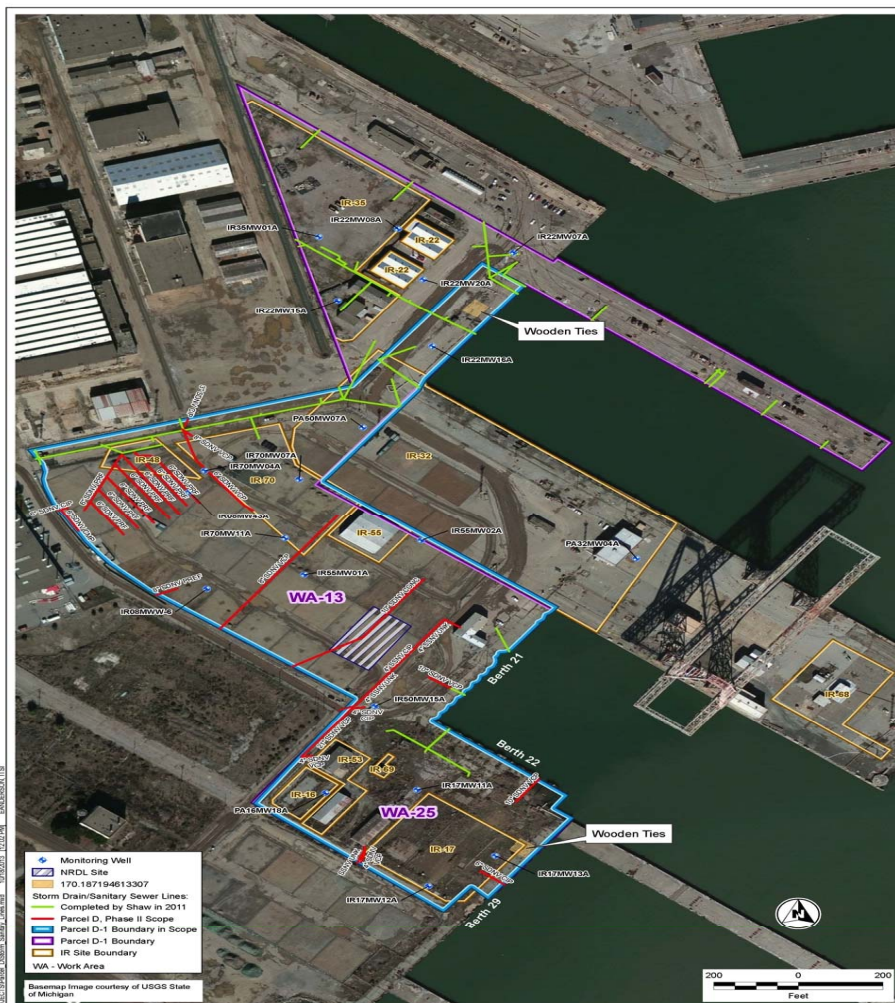
Parcel D-1, Phase I Status



- Phase I
 - South Pier
 - Free-release letter received October 11
 - Gun Mole Pier
 - Draft FSS report issued September 23. Comments due by October 21.
 - Phase I RACR
 - Draft report issued October 17. Comments due by November 18.



Parcel D-1 Phase II SOW



ITSI Gilbane

Radiological Remediation and Support
Parcel D-1, Phase II
Hunters Point Naval Shipyard
San Francisco, California

Figure 1-1
Sanitary Sewer and
Storm Drain Lines
WA-13 and WA-25

- Remove, survey, remediate, and restore 5,700 lineal feet of sewer and storm drain
- Conduct Final Status Survey of the NRDL Site and Ship Berths 21, 22, & 29
- Characterization of railroad ties for waste classification and disposal



Parcel D-1, Phase II Mobilization



Site mobilization began on Sep 9, 2013:

- Installation of Stormwater Best Management Practices (BMPs)
- Installation of fencing and postings to identify Radiologically Controlled Area (RCA) boundaries
- Utility surveys and marking excavation locations
- Baseline radiological surveys
- Inspection and repair of the Radiological Screening Yard (RSY) pads



Parcel D-1, Phase II Mobilization



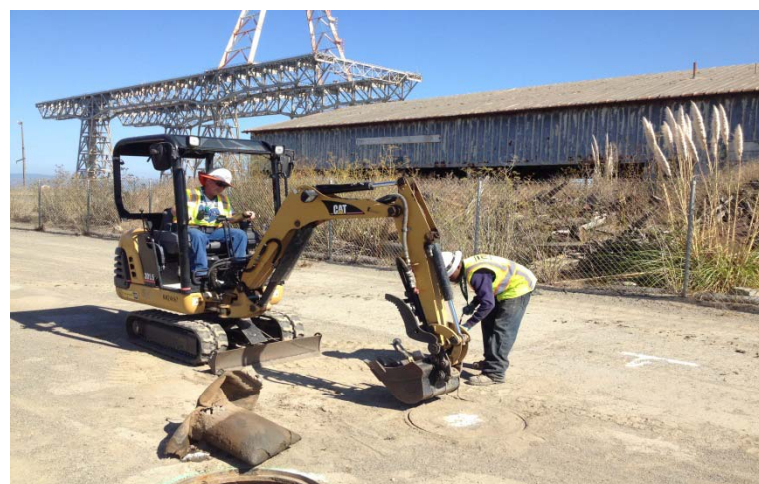
Fencing Construction Area & Security Boundary



Security Fence for Construction Area



Radiologically Controlled Area (RCA) Boundary



Inspection of SS/SD Manholes



Parcel D-1, Phase II Current Field Activities



Current field activities:

- Staging railroad ties in lay-down areas to prepare for survey
- Identifying and marking excavation areas for SS/SD removal
- Removal of asphalt surface over SS/SD lines
 - 550 linear feet removed
- Gamma walkover survey of asphalt surfaces at the Ship Berths
 - 70% complete



Parcel D-1, Phase II Current Field Activities



Staging Railroad Ties





Parcel D-1, Phase II Current Field Activities



Inspection/Repair of RSY
Pads



Gamma Walk-over Survey Equipment



Performing Baseline Gamma Walkover Surveys (GWS)
Onsite





Parcel D-1, Phase II Project Schedule



Mobilization	September 9, 2013
Site Prep Activities (Equipment assembly, calibration, SWPPP, utility survey, fencing)	September 9- October 4, 2013
Waste Characterization of Railroad Ties	September 30 – January 2014
Conduct Final Status Surveys of the Ship Berths	September 30- January 2014
SD/SS Excavation	September 23 – January 2014
Draft FSS/SUPR Reports	February 2014



Comments, Questions, Concerns ?